

## Message Text

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ORIGIN INR-10

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FM SECSTATE WASHDC  
TO AMEMBASSY NEW DELHI

UNCLAS STATE 162255

E.O. 11652: N/A

TAGS: EGEN, PK

SUBJECT: EFFECTS OF MECHANIZING GRAIN-PRODUCING SMALL  
FARMS UPON FOOD OUTPUT, INCOME, AND EMPLOYMENT IN SELECTED  
COUNTRIES OF ASIA

1. AID PROPOSES FUNDING SUBJECT STUDY TO BE CARRIED OUT  
BY BART DUFF, AGRICULTURAL ECONOMIST, INTERNATIONAL RICE  
RESEARCH INSTITUTE (IRRI), MANILA, PHILIPPINES, AND  
HANS BINGSWANGER, ECONOMIST, THE AGRICULTURAL DEVELOPMENT  
COUNCIL (A/D/C), NEW YORK.

2. PROJECT HAS THREE OBJECTIVES. FIRST, TO EVALUATE  
EFFECTS OF FARM MECHANIZATION ON SMALL RICE FARMS IN  
SELECTED LOCATIONS IN ASIA. THIS OBJECTIVE FOCUSES ON  
IMPACT OR POTENTIAL IMPACT OF SMALL-SCALE EQUIPMENT OF TYPE  
BEING DEVELOPED AT THE INTERNATIONAL RICE RESEARCH  
INSTITUTE ON EMPLOYMENT, PRODUCTION, AND INCOME OF FARMERS  
AND LANDLESS WORKERS. IT INVOLVES ANALYSIS AT FARM,  
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REGIONAL, AND CROSS NATIONAL LEVELS. SECOND, TO DEVELOP  
AN IMPROVED UNDERSTANDING OF THE TASKS INVOLVED IN  
DIFFERENT SYSTEMS OF RICE PRODUCTION TO PROVIDE GUIDELINES  
FOR THE DESIGN OF MECHANIZATION APPROPRIATE FOR RICE  
PRODUCERS AT DIFFERENT STAGES OF DEVELOPMENT. THIRD, TO  
IMPROVE CAPACITY OF RESEARCHERS WITHIN THE REGION TO  
CONDUCT SUCH STUDIES.

3. RESEARCH WILL BE UNDERTAKEN IN COLLABORATION WITH AGRICULTURAL ECONOMISTS AND ENGINEERS IN PHILIPPINES, INDONESIA, THAILAND, AND PAKISTAN. EACH COUNTRY PROGRAM RESEARCH TEAM WILL BE COMPOSED OF FOUR RESEARCH ASSISTANTS, A SECRETARY, AND A COUNTRY COORDINATOR. WHERE- EVER POSSIBLE, ONE RESEARCH ASSISTANT ON EACH TEAM WILL BE AN AGRICULTURAL ENGINEER.

4. PROJECT PROPOSAL STATES THAT PAKISTAN PLANNING COMMISSION IS PRESENTLY FORMULATING A RESEARCH PROJECT TO PROVIDE EMPIRICAL INFORMATION FOR THE DEVELOPMENT OF AN OFFICIAL MECHANIZATION POLICY. THIS EFFORT IS HIGHLY COMPLEMENTARY WITH THE PROPOSED IRRI PROJECT, AND RESEARCH EFFORTS COULD USEFULLY BE INTEGRATED. PLANNING COMMISSION DOES NOT MAINTAIN A RESEARCH STAFF, BUT HAS STRONG TIES WITH OTHER AGENCIES AND INSTITUTIONS WHICH CAN SUPPLY PERSONNEL AND FIELD SUPPORT FOR THE RESEARCH ON MECHANIZATION. THE PAKISTAN INSTITUTE OF DEVELOPMENT ECONOMICS, BOARD OF ECONOMIC ENQUIRY AND THE DEPARTMENT OF AGRICULTURAL ECONOMICS AT AGRICULTURAL UNIVERSITY IN LYALLPUR ARE POSSIBILITIES. ONE STUDY SITE WILL BE LOCATED IN MAJOR RICE GROWING AREA SOUTH OF LAHORE. SECOND SITE WILL BE SOUTH OF RAWALPINDI IN AREA CHARACTERIZED BY MIXED FARMING, SMALL FARM SIZE AND HIGH CROPPING INTENSITIES. RESEARCH IN PAKISTAN WILL ALSO BE UNCLASSIFIED

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COORDINATED WITH AN ONGOING WATER-COURSE SURVEY IN THE PUNJAB BEING SPONSORED BY WORLD BANK. WHEREVER POSSIBLE, ATTEMPTS WILL BE MADE TO LINK THESE TWO PROJECTS.

5. ADVISORY SUPPORT FOR PROJECT CAN BE OBTAINED FROM DR. RICHARD GOLDMAN, FORD FOUNDATION, DR. BRIAN LOCKWOOD, A/D/C/ ASSOCIATE, AND DR. AMIR KHAN, HEAD OF IRRI INDUSTRIAL EXTENSION PROGRAM IN PAKISTAN.

6. EMBASSY IS REQUESTED TO COMMENT ASAP BY CABLE WHETHER OR NOT PROPOSED PROJECT WOULD ADVERSELY AFFECT U.S. FOREIGN RELATIONS, AND WHAT MODIFICATIONS OR PRECAUTIONS, IF ANY, WOULD BE NECESSARY TO PRECLUDE SUCH ADVERSE AFFECTS.  
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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 jan 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** PRODUCTION, EMPLOYMENT, FARMS, FOODS  
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**Decaption Date:** 01 jan 1960  
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**TAGS:** EGEN, PK  
**To:** NEW DELHI  
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